


# kscbulletin



Fortieth Anniversary  
Pioneering the Future

National Aeronautics and  
Space Administration

No. 4-99 - January 29, 1999

John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

**Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.**  
**All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.**  
**Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.**  
**URL: <http://www.lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)**  
**Deadline for Official/Unofficial notices - Monday, 9 a.m.**

## OFFICIAL

**JANUARY HEALTH EDUCATION AND WELLNESS PROGRAM - DIET, EXERCISE AND WEIGHT LOSS:** The new year presents a great opportunity to a healthier lifestyle. Information packets on Diet, Exercise, and Weight Loss are available at all medical facilities and upon request to Carol Roth, CHS-005, 867-3414, e-mail: Roth-1, Carol. (JJ)

**HEALTH EDUCATION AND WELLNESS PROGRAM—CARDIO-VASCULAR DISEASE (CVD) SCREENING:** Commencing February 1999, Cardio-Vascular Screening will be made available each month at the KSC/CCAS Medical Facilities on the following scheduled dates between the hours of 7:00 a.m. and 8:00 a.m.

Industrial Area/OHF	CCAS/CAC	LC-39 Area/LAC
Wed. - Feb. 10	Thurs. - March 11	Thurs. - Feb. 11
Wed. - March 10	Thurs. - May 13	Thurs. - Apr. 15
Wed. - April 14	Thurs. - July 15	Thurs. - June 10
Wed. - May 12	Thurs. - Sept. 9	Thurs. - Aug. 12
Wed. - June 9	Tues. - Nov. 9	Thurs. - Oct. 14
Wed. - July 14		Thurs. - Dec. 9

KSC Form 28-562 "Heart Disease Screening and Instruction sheet" will be mailed to all KSC employees. Each participant should bring the completed form with them when reporting to the medical facility for screening. It is important for each participant to follow the pre-visit instructions listed on the form, i.e. fasting (no food or drink, other than water) 12-hours before visit. (JJ)

**HEALTH SCREENING:** Screening kits for high blood pressure and colorectal cancer screening are available at all medical facilities during normal hours of operation. Vision screening is available on the second and fourth Tuesdays of each month between the hours of 1100 and 1300 at the OHF, KSC Industrial Area. For more information contact Carol Roth, CHS-005, 867-3414, e-mail: Roth-1, Carol. (JJ)

**NASA KENNEDY MANAGEMENT ASSOCIATION (NKMA):** The NKMA is seeking applicants for their 1999 Scholarship Program. All KSC active civil service employees, their spouse and dependents are eligible to apply. Applications for the 1999 Scholarship are available from NASA NKMA homepage located at: <http://nkma.ksc.nasa.gov>. The due date for applications is March 5, 1999. Additional information is available from: Marie Lopez Tellado at 867-9494, or Susan Kroskey at 867-7210. (VC-1/FF)

**TSP OPEN SEASON:** TSP Open Season began November 15, 1998 and will end January 31, 1999. For those eligible to participate, if you made an election between November 15, 1998 and January 2, 1999, the action will be effective January 3, 1999. For actions received after that date, the effective date will be at the beginning of the following pay period. You may choose to use either a TSP-1 Election Form **or** Employee Express (EE), but do not use both. The telephone number for EE is 1-912-757-3169 (from work) or 1-800-571-3453 (from home). You must have your social security number and your Pin number to access the system. For those of you that would prefer using your computer you can access Employee Express through the Internet at <http://www.Employeeexpress.gov>. If you do not have your EE PIN Number, you may get another by using the web site or by calling the numbers listed above. Do NOT use a cell phone for this conversation! (HM-A-3)

**FLAGS AT HALF STAFF:** The flags of the United States flew at half staff at the Kennedy Space Center on Wednesday, January 27, in memory of the three astronauts who died in the Apollo 1 fire and on Thursday, January 28, in memory of the seven astronauts who died in the Challenger accident. (FF-S1-B)

**FLAGS AT HALF STAFF:** The flags of the United States flew at half staff on Thursday, January 21, 1999, at the Kennedy Space Center, in honor of Ms. Toni A. Fox, a Digital Imaging Specialist with Seven Worldwide, Inc., at KSC. Ms. Fox died on January 17, 1999, and her memorial service was held on January 21. (FF-S1-B)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

**TONER, INK & RIBBON SUPPLIES:** Beginning February 1, 1999 KSC fax and printer toner, ink cartridges, and ribbon will be available through the KSC Supply System if you are an authorized user. Instructions on how to get toner, ink & ribbons from the supply system may be found by going to the following URL: <http://www.ksc.nasa.gov/procurement/odin/KSCODIN.html>. (FF-I-A)

**KSC LIBRARY:** The following books are available at the KSC Library. For further assistance you can call 867-3600.

Understanding Fiber Optics #500063  
Spectrum & Network Measurements #476728  
New Millennium NASA #499977  
From Engineering Science to Big Science #499969  
Broadband Coding, Modulation and Transmission Engineering #500048  
Digital Filters #499928  
The Economist: Desk Companion; how to measure, convert, calculate...#499984  
Strategy Safari: a guided tour through the wilds of strategic management #499944  
Handbook of Cryogenic Engineering #498029  
Human Machine Interface: Design Guide #455615  
Metallurgy for the Non-Metallurgist #500170  
The Proactive Manager #500147  
Friction and Wear Testing #500220  
Standard Handbook of Fastening and Joining #324696  
Practical Fracture Mechanics in Design #500238  
Total Quality Management #500139  
The Quality-Productivity Connection #500121  
Planetary Astronomy #500113  
Monuments of Mars #500360  
Who's afraid of more C++ #500386  
Relational Database Design: clearly explained #500337  
Developing User Interface #500378  
Calling a Halt To Mindless Change #500402  
Metals Handbook #500436 (FF-S2-A)

**KSC LOCATOR:** Personnel at KSC are reminded, when submitting KSC Form 13-58 (Employee Locator Information) to JBOSC-Locator, to verify all information including the telephone directory information block. Monthly updates to the Locator printouts should be complete. This includes the "Telephone Directory" column. The letter "T" in this column indicates that the name appears in the telephone directory. Home phone numbers will not be printed in the telephone directory unless a signed Form 13-58 is submitted. (FF-S2-A)

**PRIVACY ACT NOTICE:** When Privacy Act Information (Social Security Numbers, etc.) is created, place NASA Form 1534, "THE ATTACHED MATERIAL IS SUBJECT TO THE PRIVACY ACT OF 1974, AS AMENDED," over the information. If Privacy Act information is to be sent to another individual or office, a "TO BE OPENED BY ADDRESSEE ONLY" envelope, KSC Form, 13-242 (as revised), must be used. (FF-S2-A)

**MAIL SERVICES:** Requests for mail services should be submitted through your organizational admin office or contractor mail coordinator. NASA Form 28-170, "Request for Mail Services," should be utilized for additions, deletions, or changes to existing mailcodes. Adjustments to the total number of employees serviced and standard distributions required will contribute to paper conservation. (FF-S2-A)

**KSC LOCATOR UPDATES:** Mailcodes, locations, and phone numbers have changed significantly due to reorganizations. Please review the monthly NASA/KSC Locator computer printout of personnel assigned to your area and update the information as required. Form 13-58, "Employee Locator Information," has been revised. Please discard revisions prior to January 1996. Form 13-58 is required for all new employees to secure status in the NASA/KSC Locator, the X.500 Personnel Directory, and for home phone number listing. (FF-S2-A)

**BUSINESS REPLY LABELS:** KSC Form 7-597, "Business Reply Label," is a restricted-use form available to support official mailing requirements of administrative materials back to KSC by employees while on travel status. Please note this form can only be used for mailing materials back to a KSC mailcode as printed in the appropriate space provided. Prudent use of this mailing label is encouraged to avoid unnecessary postage expenses. (FF-S2-A)

**MESSENGER ENVELOPES (STANDARD FORMS 65 B & C) USERS:** All offices are reminded that excess messenger envelopes should be returned to the Forms Warehouse, through the mail and distribution system, for reissue. The appropriate mailcode to use is "Forms Warehouse." (FF-S2-A)

**USE OF FEDERAL PROPERTY:** There are statutory and regulatory prohibitions against the use of Federal property, facilities, and equipment for personal purposes. These prohibitions apply to such items as Government vehicles, office supplies, FTS (Federal Telecommunications Systems), Datafax, computers and network capabilities, reproduction equipment, tools, and a variety of utility and other items. This also applies to equipment provided by the Government for contractor use and to items issued to the Government. Employees have a positive duty to protect and conserve such items and other property entrusted to them. (HM-A-3)

**NASA/JBOSC OUTBOUND SHIPMENTS:** To help ensure that all users of the JBOSC Shipping Department have their requirements met, the following procedure must be adhered to: Shipments processed through the JBOSC Shipping Department are for official government business only. Personal shipments are not authorized. All shipments must be accompanied by a properly completed shipping request document (KSC Form 7-248 or DD-1149). Carrier freight bills without the proper KSC forms will not be accepted. Shipments involving hazardous materials must have a Material Safety Data Sheet (MSDS) or other technical data sheet. Small priority/overnight shipments, including letters, must be received in the JBOSC Shipping Department no later than 2 p.m. or they will be processed on the following workday. Large priority shipments and/or shipments requiring extensive packaging must be received at least 48 hours prior to the required date at destination. Government property tagged items need to be routed through the proper Property Control Office before requesting the shipment and/or, if required, accompanied by a copy of a property custodian's approved KSC Form 1602. If you have any questions or require further information, call the JBOSC Shipping Section at 867-3501 or 867-7998. (LO-SOD-1)

**COMPETITIVE PLACEMENT PLAN - JOB OPPORTUNITIES:**

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
RAN 8-99	Various Positions, GS-5 through GS-12	NASA/KSC Civil Service Employees	1-27-99/2-3-99	LO-G-A
RAN 9-99	Biomedical Engineering Technician, GS-11/12	"	2-1-99/2-8-99	JJ-3
RON 14-99	Management Support Assistant (OA), GS-303-7	"	1-27-99/2-3-99	ST
RON 15-99	Public Affairs Assistant (Office Automation), GS-303-7	"	2-1-99/2-8-99	AB-F1
RON 12-99	Ground Operations Managers (RON 12A-99) and NASA Test Directors (RON 12B-99)	"	1-15-99/2-1-99	PZ-L
RON 13-99	AST, Technical Resources Management, GS-801-13	"	1-15-99/2-1-99	PZ-Q
CPP 022-99	Secretary (OA), GS-318-7/8	"	1-22-99/2-1-99	EC
CPP 023-99	Supv Quality Assurance Specialist (Aero), GS-1910-13/14	"	1-22-99/2-1-99	EY-B
CPP 024-99	Resources Program Manager, GS-301-13/14	"	1-22-99/2-1-99	EC-C
CPP 025-99	AST, Reliability & Quality Assurance, GS-861-13/14	"	1-22-99/2-1-99	EY
CPP 026-99	AST, Software Product Assurance Manager, GS-801-13/14	"	1-22-99/2-1-99	EC-C
CPP 027-99P	Supervisory AST, Logistics Management, GS-801-15	"	1-25-99/2-1-99	LO

Applicants must submit an application (OF 612, Optional Application for Federal Employment, or the KSC Form 13-283, Short Form) for these positions. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404. (HM-A-3)

**AUTHENTICATED:**



KSC Recycles

Judith K. Wheeler, Center Services (FF-S2-A)

**KEEP PREHEATING TIME TO A MINIMUM; NOT ALL COOKING REQUIRES A PREHEATED OVEN.**

UNOFFICIAL

CAFETERIA MENU FOR WEEK OF FEBRUARY 1 THROUGH 5

*MONDAY	*TUESDAY	*WEDNESDAY	*THURSDAY	*FRIDAY
Beef Barley Soup	Knickerbocker Soup	Pasta Fagiolo Soup	Corn Chowder	Seafood Minestrone Soup
HEALTHY FARE	Smoked Turkey & Dressing w/Gravy	Yankee Pot Roast	HEALTHY FARE-	HEALTHY FARE
Pasta Primavera	& Cranberry Sauce	Chicken Pot Pie	Szechwan BBQ Pork	Baked Tilapia w/Hushpuppies
Boneless Breast of Chicken o/Rice	Shepherd's Pie	Hot Deli Sandwich- Corned Beef	o/Rice	Fried Tilapia w/Hushpuppies
Hot Deli Sandwich- Roast Beef	Hot Deli Sandwich- Roast Pork		Teriyaki Style Chicken	Chopped Sirloin au jus
			Hot Deli Sandwich- Roast Turkey	Hot Deli Sandwich- Baked Ham

\*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily - bowl \$1/cup .55. Vegetable plate available daily—three vegetables for \$2.10. Each Wednesday and Friday a "Cook's Special of the Day" is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.

**NASA EXCHANGE:** We have Beau Bears. These cute resin figurines hold a special message like Happy Birthday! or Happy Anniversary! Check out our sale gondolas. Items are 25%-75% off regular retail price. We just received Mission Complete signed artist prints by Dean Orr. These beautiful unframed 16 x 20 pencil prints would be the perfect gift for the space enthusiast. Don't forget, Valentine's Day is just around the corner. The NASA Exchange store will have balloons and other special gifts available. ROSES ARE RED....continued next week.

**KSC EXCHANGE SERVICE STATION:** Lube, oil, and filter—just \$18.95, includes up to 5 quarts of oil, check fluid levels, tires and pressure, belts, hoses, alternator, and battery, and a visual safety check. For appointment, call 453-1254. Towing services are available.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 1992 Mitsubishi 3000 GT, V6, \$10,995; 1996 Honda Civic LX, A/T, \$11,750; 1991 Cadillac Seville, \$5000; 1997 Ford Ranger, \$10,750; 1995 Dodge Ram Van 2500, \$12,995; 1994 Pontiac Trans Sport SE van, V6, \$7000; 1993 Mitsubishi Van Expo Sport, \$6500. Call: 455-9400, ext. 251.

**INTERNATIONAL ASSOCIATION OF ADMINISTRATIVE PROFESSIONALS SEMINAR:** The Central Brevard Chapter of the International Association of Administrative Professionals™ (formerly Professional Secretaries International—PSI) is having their annual seminar on Wednesday, February 24, 1999, entitled "Effective Business Communication," an educational seminar for today's administrative professional. The seminar will be held at the Comfort Inn in Cocoa Beach, A1A, with registration at 8 a.m. Topics will be "The U.S. Postal Service Works for You," "Managing Office Communications," "Business Communications," and "Communicating with Humor." You will receive 0.4 continuing education credits and 4 CPS recertification points. Lunch choice will be roast beef bordelaise or sliced chicken breast marsala (special dietary requests available.) Registration fee will be \$69 which includes a full day seminar, continental breakfast and lunch with a performance by the Titusville Playhouse. Deadline for registration is February 10, 1999. Please contact Karen Hickerson at 867-1162/459-0751 or Virginia Mitchell at 459-2531 for registration. Free Avery Dennison Sample pack for all attendees!

**SPACE COAST CHAPTER OF FEDERALLY EMPLOYED WOMEN (FEW) SEMINAR:** Once again its time to submit your registration to attend a day of training especially designed to help deal with challenges which lie ahead. "Expand Your Horizon—Invest in the Future," sponsored by the Space Coast Chapter of Federally Employed Women and will be held on both Wednesday, February 10 and Thursday, February 11, for your convenience. Sessions will be at the Radisson Resort at the Port, Cape Canaveral, Florida. Registration begins at 8 a.m. Contact your Training Coordinator or Clara Anderson at 639-3154. Cost is \$65.

**OSB FITNESS CENTER “LOST AND FOUND:”** At the end of January, the OSB Fitness Center will be disposing of all items that are currently in the OSB “Lost and Found.” If you think you may have lost something in the Fitness Center, please claim it as soon as possible.

**WEIGHT WATCHERS AT WORK:** Get those extra holiday pounds off! Join the 1, 2, 3 Success Program today. First meeting will be on January 21, HQ, Room 2414, 11:30 a.m. Invite your friends. For more information call Marilyn at 452-0884.

**BREVARD COMMUNITY COLLEGE—1999 LOGISTICS CERTIFICATE PROGRAM:** The Program provides 4 courses, one each month...each one awards one (1) credit hour; cost \$42 each; hours 8:00 a.m. 4:30 p.m. Classes open to all KSC/CCAS organizations. Registrations are being accepted now for February 2, course “Maintenance and Supportability Planning.” Other course dates include March 2, Logistics Support Analysis (LSA); April 6, Supplier Management, Facilities, Packaging, and Transportation; and, May 4, Logistics Project Management. Call 449-5046 for information and registration. New Certificate Programs with Refresher/Short Courses are to be announced for Quality Assurance Managment, Transportation Program Management, and Human Resources Management.. (HM-A-1)

**EMBRY-RIDDLE AERONAUTICAL UNIVERSITY:** Embry-Riddle Aeronautical University is now taking applications for the Master of Science in Technical Management degree program to begin in February, 1999 at it's Orlando Center. The MSTM is a two year cluster program, offering courses on alternating weekends and is geared toward engineers in entry or mid-level management positions. A laptop computer is provided with the program. In addition, the ERAU Patrick and Orlando Centers offer courses leading to a Master of Business Administration in Aviation, Master of Aeronautical Science with Specializations in Safety, Human Factors, Management, Operations and Aeronautics, B.S. in Professional Aeronautics and a B.S. in Management of Technical Operations. For application and registration information please call Dr. Tom Briley, Orlando Center at 872-0504 or Lynn Grant, Patrick Center at 783-5020.

**EMBRY-RIDDLE UNIVERSITY:** Embry-Riddle University will be offering a Master of Science in Industrial Optimization Degree Program on-site a KSC beginning in March, 1999. The 2-year program is designed to assist scientists and engineers in development optimization and statistical quality improvement skills for product design and process improvement. The courses will be taught one-at-a-time in a 9-week term format. This practical program will use aerospace case studies and emphasize computer applications. For more information and a schedule of classes, send an email message to [patrick.center@cts.db.erau.edu](mailto:patrick.center@cts.db.erau.edu) or contact Lynn Grant (Patrick Center Director) at 407/799-4844.

**PERSONALITY PREFERENCE TESTING:** Robin Lusardi and Sherryl Vida of our **CTAP** office are certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. They will also meet with work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. To take advantage of this opportunity, simply telephone Robin or Sherryl at **CTAP**, 867-4350.

P E R S O N A L

CARPPOOLS

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.  
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.  
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.  
Vanpool seats: N. Melbourne/Eau Gallie via U.S. 1 to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Palm Bay/Melbourne/Viera to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.  
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.  
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-3898/984-3861.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.  
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.  
Vanpool seats: Rockledge/Cocoa Areas to KSC, 6:45-3:30, home pickup possible, Richard, 867-2380/639-2974.  
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.  
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.  
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.  
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: Orlando Fashion Square/Hwy. 50/Tiffanys/Builders Square to LC-39/Logistics/Industrial/CIF/HQ, 7:00-3:30, Cater, 867-4457/894-3068.  
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.  
Vanpool seats: West 50 & Hiawassee/Alafaya to KSC Headquarters Area/CCAS, 7:00-3:45, Earl, 853-4656.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-6010/365-0586.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.  
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Carpool: E. Colonial/Alafaya to VAB/OSB/HQ/O&C Areas, 8:00-4:30, Kim, 867-3911/380-8787.  
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.  
Carpool: Oviedo to OSB, 7:00-3:30, looking for additional member, Asli, 861-4149/359-0506.  
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.  
Ride needed/form carpool: Rockledge, Levitt Park to VAB Area, 7:00-3:30, non-smoking, Betty, 867-2326/636-3175.  
Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.  
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.  
Ride needed/form carpool: Edgewater/New Smyrna to ARF, 7:30-4:00, Chuck, 867-9886/428-4703.  
Ride needed/form carpool: E. Orlando to VAB Area, 2nd shift, 3:30-12:00 midnight, Dave, 861-0514/568-5657.  
Ride needed/form carpool: Sand Lake/436/Bee Line to USBI-ARF, 7:30-4:00, Vince, 867-7032/855-4548.  
Ride needed/form carpool: Oviedo/Winter Springs to KSC Industrial Area, 7:00-4:30 (9/5/4), Sandy, 867-4057, 359-0169.

GARAGE SALE

Garage sale: January 30, 8-12, Merritt Island, 211 Annalisa, Citrus River Groves, children's items, household, electronics, Dean, 449-0485.  
Garage sale: January 29 & 30, 7:30-?, Merritt Island, 820 8th Street, Hampton Homes, all household items & furniture, miscellaneous, Lock, 453-1187.  
Garage sale: January 29 & 30, 8-3, Port St. John, 5584 Flint Road, Burney, 452-0366.  
Garage sale: January 30 & 31, 8:30-3, Titusville, 8094 Windover Way, toys, books, tools, household items, ceramics, much more, Porta, 268-0443.

REAL ESTATE FOR SALE

House: Rockledge, 3-B/R, 2-bath, 2-car garage, pool, wooden deck, fenced yard, well, window treatments, extras, \$92,500, Justice, 633-6441.  
House: Titusville, Bent Oak, 17th green, 3-B/R, 2-bath, cul-de-sac, 1/3 acre, 32'x12' screened patio, 1 owner, trees, \$110,000, 267-3731, after 6 p.m.  
House: S. Titusville, 3-B/R, 2 1/2-bath, 2-story, sprinkler system, security, 2 fireplaces, 2000 sq. ft. deck/porch, heavily landscaped, \$119,000, 264-2616.  
House: 3-B/R, 2-bath, screened porch, fireplace, 2 1/2-car garage, 650+ sq. ft. workshop, above ground pool, \$114,900, Taris, 631-5487, leave message.  
Mobile home: Sanford, in park, 2-B/R, 1-bath, 14'x60', rebuilt kitchen/bath, new carpet, central heat & A/C, awning, \$8000/B.O., Kovacs, 321-4640.  
Mobile home: Orlando, Colonial Village, Harrold Road, Lot 205, 2-B/R, 1-bath, 1958, 12'x60', screened porch, roofover parking, \$6500, Benny, 268-8253.

AUTOMOBILES & RV'S FOR SALE

1973 Ford Bronco, 4wd, 302, V8, 3-speed, posi-traction front & rear, 18.5 x 44 x 15 Monster mud tires, \$600/as is, Keener, 267-4686.  
1984 Z28 Camaro, high performance 350, A/T, T-tops, parting out, 631-3740.  
1985 Nissan 300 ZX, 5-speed, fuel injected V6, T-tops, runs great, reliable, \$1900/B.O., Fresa, 459-2859, leave message.  
1985 SS Monte Carlo, good shape, runs good, high miles, 1 owner, \$2800/B.O., Hales, 639-5054.  
1985 Cadillac DeVille, runs/looks good, good tires & brakes, cold A/C, highway miles, \$1500, James, 639-2940.  
1986 Chevrolet Astro Van CS, 4.3L, V6, 5-speed, A/C, 8-passenger, tinted windows, very good condition, \$1950, Beller, 267-2718.  
1986 Dodge Ram Charger, 4wd, \$2600, Ken, 631-0515.  
1986 Chevy Astro Van, cold A/C, full power, conversion interior, very good condition, runs great, \$1900, Steve, 638-3994.  
1987 Pontiac Firebird, 2-door, V6, A/C, A/T, cassette, good condition, \$2000/B.O., Kater, 253-8037.  
1987 Toyota Celica GTS, 2-door, 5-speed, liftback, new tires/axles/timing belt, 154,000 miles, runs great, \$2500/B.O., Mitchell, 383-4912, after 5 p.m.  
1988 Mazda B2600 pickup, 4wd, runs, \$650; 1984 Lincoln Towncar, good transportation, \$500, Jack, 452-6617, after 5 p.m.  
1988 Mazda 626, 5-speed, A/C, AM/FM/cassette, excellent condition inside/out, mechanically perfect, \$3000, Boggs, 631-2295.  
1989 Mazda 626 DX, A/C, A/T, AM/FM, 1 owner, 106,000 miles, \$2500, Miller, 631-5411.  
1989 Toyota pickup, 4wd, 5-speed, 4" lift, 33 tires, well maintained, \$4500, Spilger, 253-4123.  
1989 Mercury Sable, A/C, A/T, no rust, needs work, \$750, Taber, 453-7633.  
1989 Honda Accord Lxi, 4-door, A/T, P/W, P/L, fully loaded, new tires & A/C, sunroof, upgraded stereo, \$4500/B.O., Mead, 267-8632.  
1990 Chevy C1500 Silverado, tow package, topper, \$6500, Galliher, 635-8817.  
1990 Volkswagen Jetta GL, 5-speed, fuel injected, sunroof, very clean, reliable, \$3950/B.O., Fresa, 459-2859, leave message.  
1990 Dodge Colt, hatchback, standard, new computer, selling for cost of computer, \$1000, 254-4731.  
1991 Pontiac Sunbird, 5-speed, cold A/C, P/S, C/C, runs great, \$2800/B.O., Garrett, 784-2647, leave message.  
1992 GMC Safari custom deluxe conversion van, V6, 45,170 miles, excellent condition, T.O.P., \$11,781, Ralston, 631-5601.  
1993 Nissan king cab pickup, 4wd, 124,000 miles, \$7000; 1968 Airstream camper, 26', needs repairs, \$800, Benny, 268-8253.  
1995 Ford Thunderbird LX, 4.6L, V8, custom exhaust, Superchip, K&N filter, Viper alarm, mint, runs great, garaged, \$10,900, 904-423-4677, after 4 p.m.  
1995 Ford Bronco XLT, full sized, 4wd, A/T, full power, leather interior, black, 70,000 miles, excellent condition, Vanderwerken, 268-4134, leave message.  
1996 Camaro, SS, A/T, CD, 28,000 miles, under factory warranty, white w/gray leather interior, \$20,500/B.O., Horan, 631-0522.  
1996 Pontiac Sunfire GT, 50,000 miles, T.O.P., \$11,575, Loshe, 459-1593.  
1996 Dodge Ram 1500 SLE pickup, V8, longbed, 38,000 miles, mint condition, \$15,000/B.O., Taber, 253-4037.  
1998 Ford Expedition Eddie Bauer, 4wd, 5.4L, blue w/gray leather interior, all options except sunroof, \$31,900/B.O., Wine, 784-2187.

HOUSEHOLD FURNISHINGS FOR SALE

3-piece sofa w/2 recliner sections & queen fold-out bed, 3 years old, \$750/B.O.; wooden futon w/mattress, \$75/B.O., Jeff, 453-3503.  
Dining room chairs, 4 side, 2 arm, \$160; multi-colored sofa, like new, \$250; large glass & antique brass chandelier, \$50, Brown, 267-7105.  
Baby crib, solid elm, from Baby Super Store, \$200, Nickell, 452-8909.

**HOUSEHOLD FURNISHINGS FOR SALE** (Continued)

Rollaway bed w/thick mattress, \$40; old wingback chair, pleated w/wood trim, \$45, Jack, 452-6617, after 5 p.m.  
Child Craft oak crib, 4-drawer changing table, dresser, new mattress, bedding available, excellent condition, \$200/B.O., Larson, 452-6845.  
Oak California king heated waveless padded waterbed, etched glass headboard, 12-drawers, nightstand, tall & long dresser, 2 comforters, \$450, 452-9252.  
French Provincial triple dresser w/mirror, vanity, lingerie chest, canopy bed, \$225, Major, 268-0258.  
Solid oak matching slate topped rectangular coffee table, hex end table, rectangular end table w/drawer, needs refinishing, \$150/set, Patronsky, 453-8898.

**APPLIANCES FOR SALE**

Kenmore electric range, white, good condition, \$150/B.O., Ann Marie, 267-5613.  
Microwave, 750 watt, large capacity w/shelf & meat probe, \$50, Rothe, 633-4863.  
G.E. electric range, white, standard top, self-cleaning, new, \$450, Rossana, 454-6869.  
Washer & dryer, \$350, Bill, 452-5972.

**MOTORCYCLES & EQUIPMENT FOR SALE**

1976 Harley Davidson Sportster, lowered, chrome, rebuilt, runs great, \$5500, Rusty, 784-8601.  
1982 Yamaha 650 Maxim, 40,000 miles, some rust, motorcycle trunk included, \$400, Denny, 264-9738.  
1983 Harley Davidson FLH dresser, 5-speed, low miles, good cond., \$8500; Travel Lite camper/cargo trailer for motorcycle, swivel coupler, \$675, 267-8212.  
1996 Yamaha Virago 1100 Special Edition, all the extras, \$5500, Galliher, 635-8817.  
1998 Honda CR125, like new, less than 30 hours, \$3750/B.O., Rathjen, 722-1338, after 5 p.m.  
1998 RM 125, fresh top end, fresh Dunlops, new graphics, \$2800, Baker, 268-9609, after 5 p.m.  
650 Kawasaki motorcycle, runs good, \$1000, Benny, 268-8253.  
50 cc Honda scooter, 2000 miles, 35-40 mph, \$400, Tabler, 453-7633.

**BOATS & EQUIPMENT FOR SALE**

15' center console, 2 pedestal fishing chairs, bow locker/platform, trolling motor bracket, 35 h.p. Johnson, galvanized trailer, \$995/B.O., 783-4818.  
17' center console fishing boat, 70 h.p. motor, new batteries/starter/valve job/steering, \$1500, James, 639-2940.  
17.5' Maxum bowrider, 1989, Coast Guard equipped, boat cover, ship-to-shore radio, \$3200/B.O., Smith, 268-2198.  
23' Formula, Arneson drive, 7.4L Mercruiser, bimini, GPS, loran, VHF, 8" color sounder, chart plotter, outriggers, aluminum trailer, \$30,000, 784-2187.  
30' trimaran sailboat, motor, sails, needs work, mostly cosmetic, \$2500, James, 639-2940.  
BIC Melody windsurfer, new 5.7m sail, 2-piece mast, Thule roof rack, very good condition, \$250, Paul, 259-8720.  
1994 Johnson Sailmaster, 8 h.p., 5 amp alternator, low hours, \$850, Nickell, 452-8909.  
Galvanized tandem axle trailer for up to 22' boat, \$300, Winn, 636-4267.  
1992 Evinrude, 25 h.p. tiller control, mechanically excellent, \$800; airboat, everything but motor, gas tank, battery, new polymer, \$2200/B.O., 275-2275.

**MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE**

Sewing machine, cabinet style, accessories, \$125/B.O., Jeff, 453-3503.  
Peavey FH-1 series P.A. speakers, 2 each horns, 12" mids, 15" bottoms, \$650/B.O.; Nintendo Super NES, games, \$80/B.O., Blaise, 784-1912.  
PC 486DX25, 16 Mb Ram, 270 Mb H/D, 14.4 modem, 14" VGA monitor, keyboard, mouse, WIN 95, MS Office, Canon black/white printer, 636-0321.  
Western Digital 1.0 GB H/D for PC, \$15; DriveCopy software package, \$15, Tucker, 632-0125.  
Rainbow vacuum, like new, \$495, Dean, 452-2726.  
Konica FC-1 35mm camera, auto winder, extra lenses, camera bag, \$150/B.O., Hardy, 636-8839.  
Pentium 120, 1 GB H/D, 32 Mb Ram, 14" monitor, printer, mouse, keyboard, Windows 95, \$400, James, 639-2940.  
Baldwin Acrosonic console piano, unique full bodied Baldwin tone, must hear, \$1250, Kossenko, 269-9547.  
AT&T 3620C cellular telephone w/car charger, \$75/B.O., Major, 268-0258.  
Audiovox cellular telephone, 2 batteries, car adapter, charger, excellent condition, \$25, Fred, 459-3667.  
Computer books, 1995-1997, various subjects, WIN 95, Unix, JAVA, computer upgrading/repair, printers, \$10 to \$33, Hauser, 452-0376.  
Panasonic speakerphone/answering machine, time/day stamp, remote code, Model KX-T2634, \$40, Centore, 459-3877.  
Carvin 50 watt tube guitar amp, XT-112, like new, cover, \$350/firm, Keith, 777-1680.  
Acer 486, 66 MHz, 12 Mb, modem, 6X CD-ROM, speakers, 17" or 15" monitor, Windows 3.1, Office package, \$400/\$325, Carlos, 452-2382.  
33.6 internal modem, \$20, 631-0588.  
Lexmark Optra-SC color laser printer, \$3000, Dave, 679-1191.  
Kimball Swinger 300 organ w/stereo headset, \$50, Loshe, 459-1593.  
3 watt bag cellular telephone, 2 total, \$25/each; Pentium 166 motherboards, 2 total, new, \$25/each; Nokia portable cellular telephone, \$35, 631-2396.

**MISCELLANEOUS FOR SALE**

Lawnmower, battery powered, 19", good for small lawn, light grass, \$25, John, 783-1509.  
Tail Gater oak buffet cabinet for full sized van, \$50, Nickell, 452-8909.  
Byrne 7'2" Thruster surfboard, \$225; Quiet Flight 6'2" Thruster, \$125, Blaise, 784-1912, after 5 p.m.  
1993 Club Car golf cart, 36 volt, charger, hardtop, good condition, \$1650, Parish, 267-8212.  
Diamond solitaire, appx. 1 carat, on diamond channel set band, additional diamond set wedding band, \$1800, Gina, 784-2514.  
120' top rail for chain link fence, \$30, Jack, 452-6617, after 5 p.m.  
Teak parquet, 1 case of 25, 1' x 1', \$60/B.O.; mahogany drawers, 3 total, 25 1/4" w x 14"d x 4 1/2"h, \$75/B.O., 783-4818.  
Golf clubs: Founders Club irons, 3-PW, \$150; Big Bertha Stealth clone driver, \$40; King Cobra deep-face driver, original, \$50, Gary, 267-5320.  
Volkswagen rebuilt carburetor, for 1500 cc engine, other miscellaneous parts, \$50/all, Gary, 267-5320.  
Beautiful beaded wedding dress w/long sleeves and train, size 14, never worn, \$350, 449-7324.  
Bathroom custom cabinet, mirror, water closet, miscellaneous; double-pained insulated sliding glass doors & windows, Hendriksen, 452-0633.  
Benson Gyrocopter: 100 h.p., Supermac engine, pre-rotator, electric starter/alternator, 16 hours total time, Freedom of Flight, \$6/hour, \$4200, 453-7633.  
Sears Cardiolglide, \$75, Sisco, 633-0937.  
VW parts: new CV joints, CV boot kits, points, condensers, half price; good used clutch, \$25, Anita, 632-0238.  
Chimney sweep equipment, \$375/firm, Farley, 453-6939.  
Trailer hitch, Class II, 1991-1995 Dodge Caravan, \$25, Bill, 459-2539.  
Delta round trip ticket for anywhere in the Continental U.S., B.O., 454-9540.  
Rolling, adjustable height high chair, \$75/B.O.; infant toys; infant boys & girls clothing, Larson, 452-6845.  
Craftsman radial saw, 10" complete w/owners manual, runs great, \$125, Alex, 383-0246.  
Ladies 26" beach cruiser, 2 total, \$25/each, Keeney, 723-6148.  
Fiberglass all-in-one bathtub & walls, \$120; water heater, used, 17 1/2 gallon, 110 volt, \$30, Benny, 268-8253.  
Cannondale 52 cm road bicycle, 105 Shimano cranks, Matrix rims, like new, \$250, Nunez, 383-0954.  
45 rpm records, 498 total, various artists, 1950s to 1980s, will not separate, \$220; 1960s era Gas Boy gas pump, 4' tall, \$100, Koller, 269-1755.  
Porcelain dolls, antique reproductions, fully dressed, Falzone, 631-6158.  
Carpenter and mechanic tools, Bradley, 636-0860.  
Wall mounted weight machine w/bench, \$40/B.O., Tulley, 383-1268.  
Bostitch nail gun, Bostitch staple gun, Paslode staple gun, \$350, Murray, 690-2571.  
7.5" posi unit for Chevy, \$100; 5" Monster tach, \$80, Grayson, 275-2275.  
Complete heavy duty towing kit for late model Honda Accord, \$100/firm, Seaman, 267-2482.  
Wedding dress, handmade, straight skirt, short train, lace bodice, size 6, \$50; bassinet w/bedding, \$20; Graco battery powered infant swing, \$35, 631-7785.  
Air hockey table, 7', electronic scoring, \$150/B.O., Jordan, 267-6786.  
Ladies long black leather coat, size small, \$80; ladies short black leather coat, size small, \$30, Dana, 268-0197.  
Hot Spot portable spa, 4 person, 530 gallon, excellent condition, \$1000, Eastham, 636-5553.  
Rims & tires for Nissan hardbody pickup, solid steel wheels, excellent condition, Firestone tires, appx. 25,000 miles remaining tread, \$350/B.O., 383-8974.  
Dog house, for large dog, like new, \$60, 779-3077.  
29 gallon aquarium, hood, under gravel & external filters, gravel, \$25; 10 gallon aquarium, external filter, \$10, Centore, 459-3877.  
Boy's 26" Huffly 18-speed bicycle, \$40, Billy, 268-1981.  
Diamond solitaire engagement ring, 1 carat marquise, VS-1, G-F, \$3000/B.O., Carlos, 452-2382.  
NordicTrack ski exerciser, excellent condition, seldom used, \$100, Seaman, 267-2482.  
Go-Cart, 2-seater, rollbar, 5 h.p., low hours, \$375/B.O.; York compound bow, youth size, \$75; gas blower weedeater, \$25/B.O., 267-9484, after 4 p.m.  
Heavy duty T-5 5-speed w/Hurst shifter, for Mustang, \$550; 351 Cleveland, 4V, closed chamber heads, \$495/pair, Peluso, 636-0184.  
NAPA 300 and Daytona 500 tickets for sale, DeHart, 453-8885.  
Deep sea fishing rod/reel, \$60; 55 gallon saltwater aquarium, extras, \$150; boy's electric car racing set, \$20, 459-9386, leave message.  
1/2 carat diamond engagement ring, round, clear, beautiful, \$600, Kavanaugh, 631-0588.  
Lee radial P225/70R15 tires & stock steel wheels & caps off GM Safari, \$75; paint ball gun, Talon w/silencer, instruction video, \$40, Emmick, 268-1588.  
Bedliner for 1982-1993 S-10/S-15 longbed pickup, \$65; matching toolbox, \$25; hood air deflector, \$15, Loshe, 459-1593.  
P205/70R14 white letter tires, only 3500 miles, mounted on 1987 S-10 rally wheels, \$135/set, Loshe, 459-1593.  
Child's toy chest, hand made, \$40, pace, 631-2396.

**MISCELLANEOUS WANTED**

Beta VCR, good working condition, reasonable price, Schedler, 269-1623, Titusville.  
Welding, cutting outfit w/tanks, Danny, 268-3734.  
Treadmill, 2.0 h.p. or greater, adjustable incline, space saver, reasonable, Hensley, 632-8238.  
Fire suppression/sprinkler system for 2100 sq. ft. commercial dwelling, that complies to local code, Farley, 453-6939.  
Volkswagen bug fixer-upper for teenager's first car, Rader, 631-6848.  
Crib, chest, other baby furniture, Ivonne, 799-4749.  
Toddler bed, Step 2 Cozy Coupe, yellow, with or without mattress, Carlson, 269-4260, leave message.  
Pool slide; truck topper for Nissan pickup, David, 779-8866.  
2 tickets by 3rd base dugout for Marlins game, March 25, 1999, Ripper, 690-1773.  
Beermeister cooler w/gauges and CO2 canister, Sergeant, 636-3681.  
Carburetor for 1983.5/1984 Nissan pickup (720) Z-24 engine; 4 each, 15" rims for same vehicle, Atwell, 269-7181, leave message.  
26" beach cruiser, 2 total; tennis ball machine, reasonably priced, good condition, Anderson, 799-0782, days.  
Water cooler for 5-gallon bottled water; Sizzler cars & toy race sets, Rich, 690-0083.  
Technic digital piano, good condition, reasonable, Kavanaugh, 631-0588.  
Used gym equipment, free weights, bench, multi-station, treadmill, etc.; sports cards, football, basketball, etc., Steve, 638-3994.  
Scanner for Power Mac, Glover, 633-7699.

**FOR SALE OR TRADE**

Mercury 9.9 short shaft, trade for running long shaft, Rusty, 784-8601.  
2 lots, S. Oak Hill, adjoining, 50'x322' & 82'x322', appx. 1.0 acre, wooded, 1 mile N. of S.R. 3 on U.S. hwy. 1, \$16,000/both, trade of equal value, 784-4818.

